

Osceola County, Iowa

Map symbol and map unit name	Component	Hydric	Local landform	Hydric soils criteria				Acres
				Hydric criteria code	Meets saturation criteria	Meets flooding criteria	Meets ponding criteria	
4: KNOKE SILTY CLAY LOAM, 0 TO 1 PERCENT SLOPES	KNOKE	Yes	pothole	3,2B3	YES	NO	YES	1,375
6: OKOBOJI SILTY CLAY LOAM, 0 TO 1 PERCENT SLOPES	OKOBOJI	Yes	pothole	2B3,3	YES	NO	YES	1,940
	HARPS	Yes	ground moraine	2B3	YES	NO	NO	40
27B: TERRIL LOAM, 2 TO 5 PERCENT SLOPES	TERRIL	No	---	---	---	---	---	525
28B: DICKMAN SANDY LOAM, 2 TO 5 PERCENT SLOPES	DICKMAN	No	---	---	---	---	---	835
28B2: DICKMAN SANDY LOAM, 2 TO 5 PERCENT SLOPES, MODERATELY ERODED	DICKMAN	No	---	---	---	---	---	250
31: AFTON SILTY CLAY LOAM, 0 TO 2 PERCENT SLOPES	AFTON	Yes	drainageway	2B3	YES	NO	NO	560
32: SPICER SILTY CLAY LOAM, 0 TO 2 PERCENT SLOPES	SPICER	Yes	ground moraine	2B3	YES	NO	NO	2,735
48: KNOKE MUCKY SILT LOAM, 0 TO 1 PERCENT SLOPES	KNOKE	Yes	pothole	3,2B3	YES	NO	YES	530
55: NICOLLET CLAY LOAM, 1 TO 3 PERCENT SLOPES	NICOLLET	No	---	---	---	---	---	18,621
	WEBSTER	Yes	ground moraine	3,2B3	YES	NO	YES	828
	CLARION	No	---	---	---	---	---	621
	ROLFE	Yes	ground moraine	3,2B3	YES	NO	YES	621
62C2: STORDEN LOAM, 5 TO 9 PERCENT SLOPES, MODERATELY ERODED	STORDEN	No	---	---	---	---	---	320
	CLARION	No	---	---	---	---	---	18
	SANDY OR GRAVELLY	No	---	---	---	---	---	18
62D2: STORDEN LOAM, 9 TO 14 PERCENT SLOPES, MODERATELY ERODED	STORDEN	No	---	---	---	---	---	675
	CLARION	No	---	---	---	---	---	38

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				Hydric criteria code	Meets saturation criteria	Meets flooding criteria	Meets ponding criteria	
	SANDY OR GRAVELLY	No	---	---	---	---	---	38
62E2: STORDEN LOAM, 14 TO 18 PERCENT SLOPES, MODERATELY ERODED	STORDEN	No	---	---	---	---	---	284
	CLARION	No	---	---	---	---	---	16
	SANDY OR GRAVELLY	No	---	---	---	---	---	16
62G: STORDEN LOAM, 18 TO 40 PERCENT SLOPES	STORDEN	No	---	---	---	---	---	442
	OTHER	No	---	---	---	---	---	14
	SANDY OR GRAVELLY	No	---	---	---	---	---	9
77: SAC SILTY CLAY LOAM, 0 TO 2 PERCENT SLOPES	SAC	No	---	---	---	---	---	3,852
	RANSOM	No	---	---	---	---	---	203
77B: SAC SILTY CLAY LOAM, 2 TO 5 PERCENT SLOPES	SAC	No	---	---	---	---	---	15,900
	RANSOM	No	---	---	---	---	---	324
77B2: SAC SILTY CLAY LOAM, 2 TO 5 PERCENT SLOPES, MODERATELY ERODED	SAC	No	---	---	---	---	---	2,465
77C2: SAC SILTY CLAY LOAM, 5 TO 9 PERCENT SLOPES, MODERATELY ERODED	SAC	No	---	---	---	---	---	228
	STORDEN	No	---	---	---	---	---	12
90: OKOBOJI MUCKY SILT LOAM, 0 TO 1 PERCENT SLOPES	OKOBOJI	Yes	pothole	2B3,3	YES	NO	YES	402
	HARPS	Yes	ground moraine	2B3	YES	NO	NO	8
91: PRIMGHAR SILTY CLAY LOAM, 0 TO 2 PERCENT SLOPES	PRIMGHAR	No	---	---	---	---	---	19,548
	GALVA	Yes	ridge	2B3	YES	NO	NO	1,086
	MARCUS	Yes	depression	2B3	YES	NO	NO	1,086

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				Hydric criteria code	Meets saturation criteria	Meets flooding criteria	Meets ponding criteria	
91B: PRIMGHAR SILTY CLAY LOAM, 1 TO 4 PERCENT SLOPES	PRIMGHAR	No	---	---	---	---	---	2,164
	MARCUS	Yes	depression	2B3	YES	NO	NO	240
92: MARCUS SILTY CLAY LOAM, 0 TO 2 PERCENT SLOPES	MARCUS	Yes	ridge	2B3	YES	NO	NO	10,084
	PRIMGHAR	No	---	---	---	---	---	531
95: HARPS CLAY LOAM, 0 TO 2 PERCENT SLOPES	HARPS	Yes	ground moraine	2B3	YES	NO	NO	328
	KNOKE	Yes	pothole	2B3,3	YES	NO	YES	10
	OKOBOJI	Yes	pothole	2B3,3	YES	NO	YES	7
107: WEBSTER SILTY CLAY LOAM, 0 TO 2 PERCENT SLOPES	WEBSTER	Yes	ground moraine	2B3	YES	NO	NO	8,640
	OKOBOJI	Yes	pothole	2B3,3	YES	NO	YES	384
	NICOLLET	No	---	---	---	---	---	288
	REVERE	Yes	ground moraine	2B3	YES	NO	NO	288
108: WADENA LOAM, 24 TO 32 INCHES TO SAND AND GRAVEL, 0 TO 2 PERCENT SLOPES	WADENA	No	---	---	---	---	---	2,541
	CYLINDER	No	---	---	---	---	---	134
108B: WADENA LOAM, 24 TO 32 INCHES TO SAND AND GRAVEL, 2 TO 5 PERCENT SLOPES	WADENA	No	---	---	---	---	---	1,015
108B2: WADENA LOAM, 24 TO 32 INCHES TO SAND AND GRAVEL, 2 TO 5 PERCENT SLOPES, MODERATELY ERODED	WADENA	No	---	---	---	---	---	270
135: COLAND CLAY LOAM, 0 TO 2 PERCENT SLOPES	COLAND	Yes	flood plain	2B3	YES	NO	NO	5,715
138B: CLARION CLAY LOAM, 2 TO 5 PERCENT SLOPES	CLARION	No	---	---	---	---	---	17,604
	NICOLLET	No	---	---	---	---	---	1,036

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				Hydric criteria code	Meets saturation criteria	Meets flooding criteria	Meets ponding criteria	
138B2: CLARION CLAY LOAM, 2 TO 5 PERCENT SLOPES, MODERATELY ERODED	SANDY OR GRAVELLY	No	---	---	---	---	---	1,036
	STORDEN	No	---	---	---	---	---	1,036
	CLARION	No	---	---	---	---	---	3,132
	NICOLLET	No	---	---	---	---	---	184
	SANDY OR GRAVELLY	No	---	---	---	---	---	184
	STORDEN	No	---	---	---	---	---	184
138C: CLARION CLAY LOAM, 5 TO 9 PERCENT SLOPES	CLARION	No	---	---	---	---	---	1,593
	SANDY OR GRAVELLY	No	---	---	---	---	---	88
	STORDEN	No	---	---	---	---	---	88
138C2: CLARION CLAY LOAM, 5 TO 9 PERCENT SLOPES, MODERATELY ERODED	CLARION	No	---	---	---	---	---	4,856
	SANDY OR GRAVELLY	No	---	---	---	---	---	270
	STORDEN	No	---	---	---	---	---	270
	CLARION	No	---	---	---	---	---	1,145
138D2: CLARION CLAY LOAM, 9 TO 14 PERCENT SLOPES, MODERATELY ERODED	STORDEN	No	---	---	---	---	---	36
	SANDY OR GRAVELLY	No	---	---	---	---	---	24
	CLARION	No	---	---	---	---	---	1,145
201B: COLAND-TERRIL COMPLEX, 2 TO 5 PERCENT SLOPES	COLAND	Yes	flood plain	2B3	YES	NO	NO	252
	TERRIL	No	---	---	---	---	---	168
202: CYLINDER CLAY LOAM, 24 TO 32 INCHES TO SAND AND GRAVEL, 0 TO 2 PERCENT SLOPES	CYLINDER	No	---	---	---	---	---	976
	OTHER	Yes	terrace	2B3	YES	NO	NO	54
	BISCAY	No	---	---	---	---	---	33
	WADENA	No	---	---	---	---	---	22
	CLARION	No	---	---	---	---	---	1,145

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Map symbol and map unit name	Component	Hydric	Local landform	Hydric soils criteria				Acres
				Hydric criteria code	Meets saturation criteria	Meets flooding criteria	Meets ponding criteria	
203: CYLINDER CLAY LOAM, 32 TO 40 INCHES TO SAND AND GRAVEL, 0 TO 2 PERCENT SLOPES	CYLINDER	No	---	---	---	---	---	2,367
	OTHER	Yes	terrace	2B3	YES	NO	NO	132
	BISCAY	No	---	---	---	---	---	79
	WADENA	No	---	---	---	---	---	53
259: BISCAY SILTY CLAY LOAM, 32 TO 40 INCHES TO SAND AND GRAVEL, 0 T 2 PERCENT SLOPES	BISCAY	Yes	terrace	2B3	YES	NO	NO	1,420
	CYLINDER	No	---	---	---	---	---	75
272: KANARANZI VARIANT LOAM, 0 TO 2 PERCENT SLOPES	KANARANZI VARIANT	No	---	---	---	---	---	255
272B: KANARANZI VARIANT LOAM, 2 TO 5 PERCENT SLOPES	KANARANZI VARIANT	No	---	---	---	---	---	1,015
272C2: KANARANZI VARIANT LOAM, 5 TO 9 PERCENT SLOPES, MODERATELY ERODE	KANARANZI VARIANT	No	---	---	---	---	---	515
274: ROLFE SILTY CLAY LOAM, 0 TO 1 PERCENT SLOPES	ROLFE	Yes	pothole	2B3,3	YES	NO	YES	365
282: RANSOM SILTY CLAY LOAM, 0 TO 3 PERCENT SLOPES	RANSOM	No	---	---	---	---	---	5,126
	MARCUS	Yes	drainageway	2B3	YES	NO	NO	285
	SAC	No	---	---	---	---	---	285
308: WADENA LOAM, 32 TO 40 INCHES TO SAND AND GRAVEL, 0 TO 2 PERCENT SLOPES	WADENA	No	---	---	---	---	---	917
	CYLINDER	No	---	---	---	---	---	48
308B: WADENA LOAM, 32 TO 40 INCHES TO SAND AND GRAVEL, 2 TO 5 PERCENT SLOPES	WADENA	No	---	---	---	---	---	390

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Map symbol and map unit name	Component	Hydric	Local landform	Hydric soils criteria				Acres
				Hydric criteria code	Meets saturation criteria	Meets flooding criteria	Meets ponding criteria	
309: ALLENDORF SILTY CLAY LOAM, 0 TO 2 PERCENT SLOPES	ALLENDORF	No	---	---	---	---	---	1,190
309B: ALLENDORF SILTY CLAY LOAM, 2 TO 5 PERCENT SLOPES	ALLENDORF	No	---	---	---	---	---	428
	SANDY & GRAVELLY	No	---	---	---	---	---	48
310: GALVA SILTY CLAY LOAM, 0 TO 2 PERCENT SLOPES	GALVA	No	---	---	---	---	---	2,760
	PRIMGHAR	No	---	---	---	---	---	145
310B: GALVA SILTY CLAY LOAM, 2 TO 5 PERCENT SLOPES	GALVA	No	---	---	---	---	---	4,280
	PRIMGHAR	No	---	---	---	---	---	225
311: GALVA SILTY CLAY LOAM, GRAVELLY SUBSTRATUM, 0 TO 2 PERCENT SLOPES	GALVA	No	---	---	---	---	---	2,980
311B: GALVA SILTY CLAY LOAM, GRAVELLY SUBSTRATUM, 2 TO 5 PERCENT SLOPES	GALVA	No	---	---	---	---	---	931
	STRAT SAND & GRAVEL	No	---	---	---	---	---	9
354: AQUOLLS, PONDED	AQUOLLS	Yes	pothole	2B3,3	YES	NO	YES	370
384: COLLINWOOD SILTY CLAY LOAM, 0 TO 3 PERCENT SLOPES	COLLINWOOD	No	---	---	---	---	---	2,560
	KAMRAR	No	---	---	---	---	---	142
	WALDORF	Yes	ground moraine	2B3	YES	NO	NO	142
387B: KAMRAR SILTY CLAY LOAM, 1 TO 5 PERCENT SLOPES	KAMRAR	No	---	---	---	---	---	572
	COLLINWOOD	No	---	---	---	---	---	32
390: WALDORF SILTY CLAY LOAM, 0 TO 1 PERCENT SLOPES	WALDORF	Yes	ground moraine	2B3	YES	NO	NO	2,541
	COLLINWOOD	No	---	---	---	---	---	134

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396: LETTRI SILTY CLAY LOAM, CALCAREOUS, 0 TO 2 PERCENT SLOPES	LETTRI	Yes	ground moraine	2B3	YES	NO	NO	4,900
	REVERE	Yes	ground moraine	2B3	YES	NO	NO	272
	WILMONTON	No	---	---	---	---	---	272
397: LETTRI SILTY CLAY LOAM, 0 TO 2 PERCENT SLOPES	LETTRI	Yes	ground moraine	2B3	YES	NO	NO	5,292
	WILMONTON	No	---	---	---	---	---	278
433D2: STORDEN CLAY LOAM, 7 TO 14 PERCENT SLOPES, MODERATELY ERODED	STORDEN	No	---	---	---	---	---	432
	EVERLY	No	---	---	---	---	---	23
433E2: STORDEN CLAY LOAM, 14 TO 18 PERCENT SLOPES, MODERATELY ERODED	STORDEN	No	---	---	---	---	---	324
	EVERLY	No	---	---	---	---	---	36
433G: STORDEN CLAY LOAM, 18 TO 40 PERCENT SLOPES	STORDEN	No	---	---	---	---	---	270
456: WILMONTON SILTY CLAY LOAM, 0 TO 3 PERCENT SLOPES	WILMONTON	No	---	---	---	---	---	17,878
	EVERLY	No	---	---	---	---	---	993
	LETTRI	Yes	drainageway	2B3	YES	NO	NO	993
507: CANISTEO SILTY CLAY LOAM, 0 TO 2 PERCENT SLOPES	CANISTEO	Yes	ground moraine	2B3	YES	NO	NO	5,445
	OKOBOJI	Yes	pothole	2B3,3	YES	NO	YES	242
	CRIPPIN	No	---	---	---	---	---	182
	REVERE	Yes	ground moraine	2B3	YES	NO	NO	182
559: TALCOT SILTY CLAY LOAM, 32 TO 40 INCHES TO SAND AND GRAVEL, 0 T 2 PERCENT SLOPES	TALCOT	Yes	terrace	2B3	YES	NO	NO	1,083
	CYLINDER	No	---	---	---	---	---	57
577: EVERLY CLAY LOAM, 0 TO 2 PERCENT SLOPES	EVERLY	No	---	---	---	---	---	5,149

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	WILMONTON	No	---	---	---	---	---	271
577B: EVERLY CLAY LOAM, 2 TO 5 PERCENT SLOPES	EVERLY	No	---	---	---	---	---	15,188
	GRAVELLY SOILS	No	---	---	---	---	---	844
	WILMONTON	No	---	---	---	---	---	844
577B2: EVERLY CLAY LOAM, 2 TO 5 PERCENT SLOPES, MODERATELY ERODED	EVERLY	No	---	---	---	---	---	1,017
	GRAVELLY SOILS	No	---	---	---	---	---	56
	STORDEN	No	---	---	---	---	---	56
577C: EVERLY CLAY LOAM, 5 TO 9 PERCENT SLOPES	EVERLY	No	---	---	---	---	---	360
	GRAVELLY SOILS	No	---	---	---	---	---	20
	STORDEN	No	---	---	---	---	---	20
577C2: EVERLY CLAY LOAM, 5 TO 9 PERCENT SLOPES, MODERATELY ERODED	EVERLY	No	---	---	---	---	---	918
	GRAVELLY SOILS	No	---	---	---	---	---	51
	STORDEN	No	---	---	---	---	---	51
577D2: EVERLY CLAY LOAM, 9 TO 14 PERCENT SLOPES, MODERATELY ERODED	EVERLY	No	---	---	---	---	---	279
	GRAVELLY SOILS	No	---	---	---	---	---	16
	STORDEN	No	---	---	---	---	---	16
638C2: CLARION-STORDEN COMPLEX, 5 TO 9 PERCENT SLOPES, MODERATELY ERODED	CLARION	No	---	---	---	---	---	441
	STORDEN	No	---	---	---	---	---	158
	SANDY OR GRAVELLY	No	---	---	---	---	---	32

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638D2: CLARION-STORDEN COMPLEX, 9 TO 14 PERCENT SLOPES, MODERATELY ERODED	CLARION	No	---	---	---	---	---	438
	STORDEN	No	---	---	---	---	---	256
	SAND & GRAVEL	No	---	---	---	---	---	36
638E2: CLARION-STORDEN COMPLEX, 14 TO 18 PERCENT SLOPES, MODERATELY ERODED	CLARION	No	---	---	---	---	---	126
	STORDEN	No	---	---	---	---	---	92
	OTHER	No	---	---	---	---	---	12
655: CRIPPIN LOAM, 1 TO 3 PERCENT SLOPES	CRIPPIN	No	---	---	---	---	---	423
	CANISTEO	Yes	drainageway	2B3	YES	NO	NO	24
	STORDEN	No	---	---	---	---	---	24
735: HAVELOCK CLAY LOAM, 0 TO 2 PERCENT SLOPES	HAVELOCK	Yes	flood plain	2B3	YES	NO	NO	8,165
744: REVERE LOAM, 0 TO 2 PERCENT SLOPES	REVERE	Yes	ground moraine	2B3	YES	NO	NO	370
878B: OCHEYEDAN LOAM, 2 TO 5 PERCENT SLOPES	OCHEYEDAN	No	---	---	---	---	---	1,012
	FOSTORIA	No	---	---	---	---	---	53
879: FOSTORIA CLAY LOAM, 0 TO 2 PERCENT SLOPES	FOSTORIA	No	---	---	---	---	---	626
	OCHEYDAN	No	---	---	---	---	---	35
	OTHER	Yes	drainageway	2B3	YES	NO	NO	35
2573: HOOPESTON VARIANT LOAM, 0 TO 2 PERCENT SLOPES	HOOPESTON VARIANT	No	---	---	---	---	---	446
	DICKMAN	No	---	---	---	---	---	25
	OTHER	Yes	drainageway	2B3	YES	NO	NO	25
5010: PITS, SAND AND GRAVEL	PITS, SAND AND GRAVE	Unranked	---	---	---	---	---	340
5040: ORTHENTS, LOAMY	ORTHENTS	Unranked	---	---	---	---	---	400